

a1
could

wherein $k = 2-12$,
 $m = 2-12$, and
 $R = \text{CH}(\text{CH}_3)_2, \text{CH}_2\text{CH}(\text{CH}_3)_2, \text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_3, (\text{CH}_2)_3\text{CH}_3,$
 $\text{CH}_2\text{C}_6\text{H}_5$, or $(\text{CH}_2)_3\text{SCH}_3$.

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6. (Amended) The construct according to any one of claims 1-5, wherein the construct is a deformable sheet adapted to conform to a biological surface.

7. (Amended) The construct according to claim 6, further comprising a bioactive agent.

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9. (Amended) The construct according to claim 7, wherein the construct comprises an enzyme capable of hydrolytically cleaving the PEA polymer.

17. (Amended) The method according to any one of claim 13-16, wherein the construct also comprises an enzyme capable of hydrolytically cleaving the PEA polymer.

--18. (new) The construct according to any one of claims 1-5, further comprising a bioactive agent.

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19. (new) The construct of claim 18, wherein the bioactive agent is selected from the group consisting of antiseptics, anti-infectives, such as bacteriophages, antibiotics, antibacterials, antiprotozoal agents, and antiviral agents, analgesics, anti-inflammatory agents including steroids and non-steroidal anti-inflammatory agents including COX-2 inhibitors, anti-neoplastic agents, contraceptives, CNS active drugs, hormones, and vaccines.

20. (new) The construct according to any one of claims 1-5, wherein the construct comprises an enzyme capable of hydrolytically cleaving the PEA polymer.

21. (new) The construct according to claim 20, wherein the enzyme is α -chymotrypsin.

22. (new) The construct according to claim 20, wherein the enzyme is adsorbed on the surface of the construct.

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23. (new) The construct according to claim 20, wherein the construct contains bacteriophage which are released by action of the enzyme.--
